

## ABSTRACT OF THE DISCLOSURE

An electrode material for a secondary battery has a carbon fiber. This carbon fiber has a coaxial stacking morphology of truncated conical tubular graphene layers, wherein each of the  
5 truncated conical tubular graphene layers includes a hexagonal carbon layer, and has a large ring end at one end and a small ring end at the other end in an axial direction. The hexagonal carbon layers are exposed on at least a part of the large ring  
10 ends. Such an electrode material for a secondary battery excels in lifetime performance, has a large electric energy density, enables an increase in capacity, and excels in conductivity and electrode reinforcement.